

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

- 1.-7. (Cancelled)
8. (Previously presented) An isolated polypeptide having the ability to convert phenazine-1-carboxylic acid to at least one 2-hydroxylated phenazine (PhzO activity), wherein  
the isolated polypeptide is encoded by a nucleic acid molecule selected from the group consisting of:
  - (a) a nucleotide sequence as given in SEQ ID NO:1 from nucleotide 76 to nucleotide 1564 or from nucleotide 89 to nucleotide 1564;
  - (b) a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:2;
  - (c) a nucleic acid sequence having at least 95% nucleotide sequence identity with SEQ ID NO:1 from nucleotide 89 through nucleotide 1564;
  - (d) a nucleic acid sequence encoding a polypeptide having an amino acid sequence which has at least 95% sequence identity with SEQ ID NO:2;
  - (e) a nucleic acid sequence which hybridizes under high stringency conditions with a nucleic acid sequence complementary to the nucleotide sequence of SEQ ID NO:1 from nucleotide 89 through nucleotide 1564.
9. (Previously presented) An isolated polypeptide having PhzO activity, selected from the group consisting of:
  - (a) a polypeptide having the amino acid sequence of SEQ ID NO:2;

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(b) a polypeptide having an amino acid sequence which has at least 95% identity with amino acids 1 to 491 of SEQ ID NO:2.

10. (Cancelled)